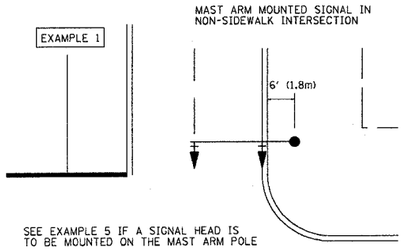
ROUTE	SECTION	COUNTY	SHEET	SHEETS
FAU 2657	081	LAKE	30	92
93-00081-04-CH		ILLINOIS	BUFFALO GROVE ROAD	

Contract No. 83656

EXAMPLE 1

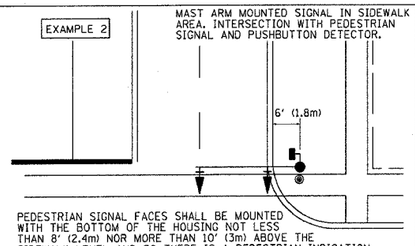
MAST ARM MOUNTED SIGNAL IN NON-SIDEWALK INTERSECTION



SEE EXAMPLE 5 IF A SIGNAL HEAD IS TO BE MOUNTED ON THE MAST ARM POLE

EXAMPLE 2

MAST ARM MOUNTED SIGNAL IN SIDEWALK AREA. INTERSECTION WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR.

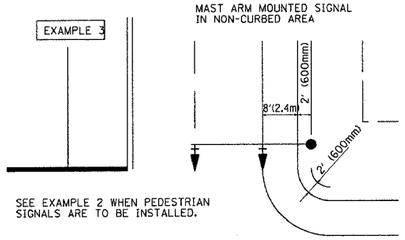


PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8' (2.4m) NOR MORE THAN 10' (3m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED

NOTE: PUSHBUTTON DETECTOR MUST BE LOCATED SO THAT PEOPLE WITH DISABILITIES ARE ABLE TO ACCESS IT FROM THE SIDEWALK

EXAMPLE 3

MAST ARM MOUNTED SIGNAL IN NON-CURBED AREA

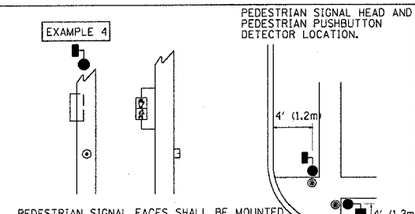


SEE EXAMPLE 2 WHEN PEDESTRIAN SIGNALS ARE TO BE INSTALLED.

NOTE: MAST ARM POLES SHALL BE LOCATED AT A MINIMUM OF 10' (3m) BEHIND THE EDGE OF PAVEMENT OR 2' (600mm) BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.

EXAMPLE 4

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION.

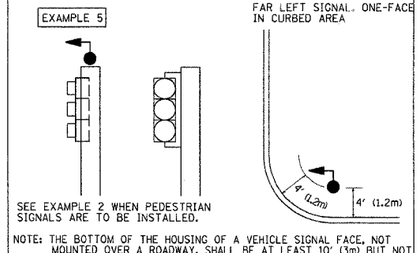


PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8' (2.4m) NOR MORE THAN 10' (3m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED

SEE EXAMPLE 2 NOTE REGARDING PEDESTRIAN PUSHBUTTON DETECTOR LOCATION.

EXAMPLE 5

FAR LEFT SIGNAL. ONE-FACE IN CURBED AREA

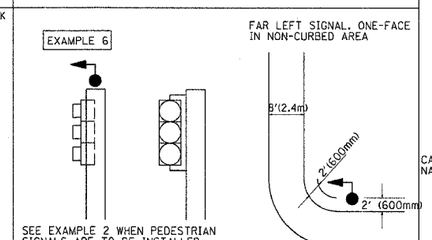


SEE EXAMPLE 2 WHEN PEDESTRIAN SIGNALS ARE TO BE INSTALLED.

NOTE: THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10' (3m) BUT NOT MORE THAN 15' (4.5m) ABOVE THE SIDEWALK OR, IF NONE, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY.

EXAMPLE 6

FAR LEFT SIGNAL. ONE-FACE IN NON-CURBED AREA

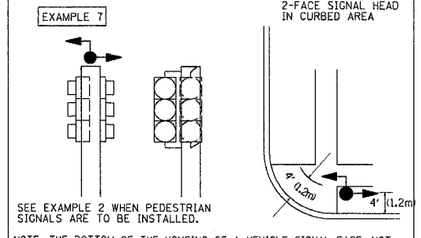


SEE EXAMPLE 2 WHEN PEDESTRIAN SIGNALS ARE TO BE INSTALLED.

NOTE: THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10' (3m) BUT NOT MORE THAN 15' (4.5m) ABOVE THE SIDEWALK OR, IF NONE, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY.

EXAMPLE 7

2-FACE SIGNAL HEAD IN CURBED AREA

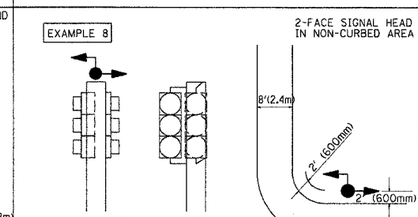


SEE EXAMPLE 2 WHEN PEDESTRIAN SIGNALS ARE TO BE INSTALLED.

NOTE: THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10' (3m) BUT NOT MORE THAN 15' (4.5m) ABOVE THE SIDEWALK OR, IF NONE, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY.

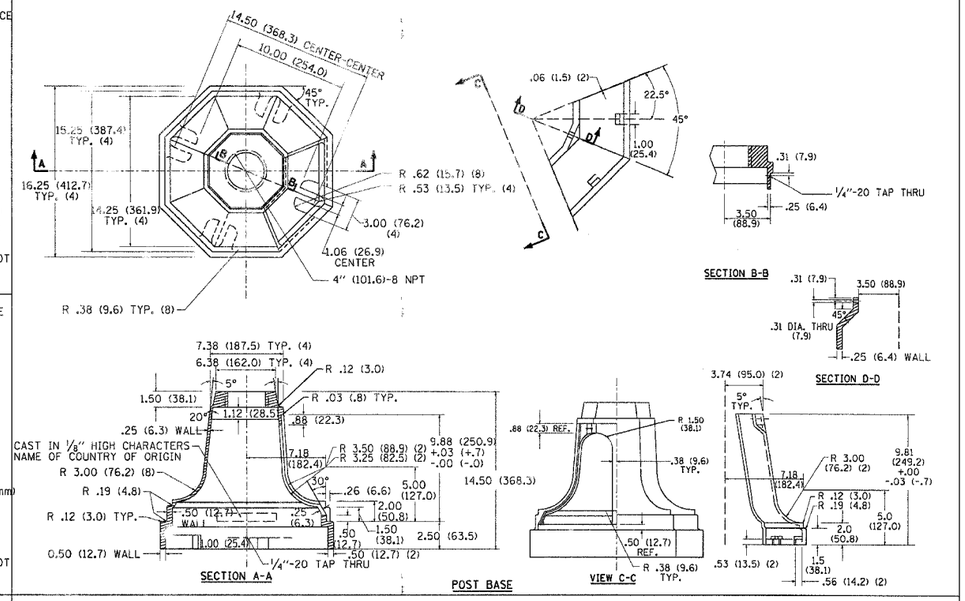
EXAMPLE 8

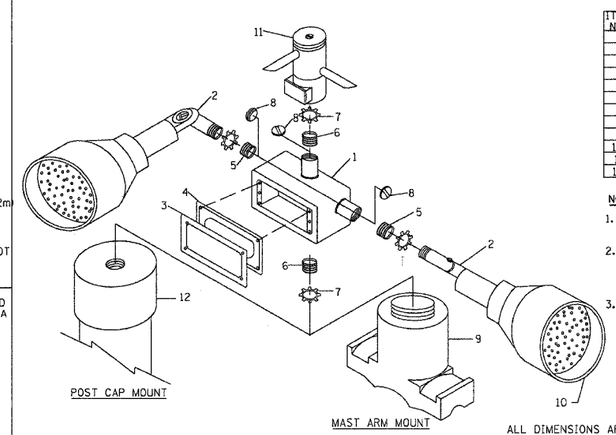
2-FACE SIGNAL HEAD IN NON-CURBED AREA



SEE EXAMPLE 2 WHEN PEDESTRIAN SIGNALS ARE TO BE INSTALLED.

NOTE: THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10' (3m) BUT NOT MORE THAN 15' (4.5m) ABOVE THE SIDEWALK OR, IF NONE, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY.





ITEM NO.	IDENTIFICATION
1	OUTLET BOX - GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	PAR 38 LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

8-3-93

NOTES

1. ALL ELECTRICAL ITEMS, EXCEPT ITEM #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED.
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT. ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT. ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT.
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTING SCREWS SHALL BE REQUIRED ON EACH CAP.

ALL DIMENSIONS ARE IN FEET (MILLIMETERS) UNLESS OTHERWISE NOTED.

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

TS-5

Globetrotters®
Engineering Corporation
ENGINEERS ARCHITECTS
300 South Wacker Drive
Chicago, Illinois 60606
Tel. 312/922-6400

REVISIONS NAME	DATE

LakeCounty Division of Transportation

TRAFFIC SIGNAL STANDARD DETAIL-2

BUFFALO GROVE ROAD AT PORT CLINTON ROAD

SCALE: NONE DRAWN BY: L.S.

DATE: 04/15/04 CHECKED BY: ADO

LAKE COUNTY DIVISION OF TRANSPORTATION

METRIC PLAN

P:\projects\01600\E\Traffic\Sheet\TS05-STD2.dgn
04/15/2004
08:44:17 AM

..\E\Traffic\Sheet\TS05-STD2.dgn 04/15/2004 08:44:15 AM